	· (··			Page 1 o	01.2		_
M M M C SHIP	U.S. DETAIL PATENT AN	ATTY DOCKET NO.	ATTY DOCKET NO. SERIAL NO.			SEP 2 6 200	
				31200/69244 10/018,308		CEA	
FIST OF DOCU	IMENTS (ITED BY A	PPLICANT	APPLICANT			979	T
vie XVses	everal sheets if necessary	עי	GEORGE EUSTACE JO	DANNOU		3EP 26	21/
(4)	•		FILING DATE	GROUP	TRAI	LAG	CAN
2 4 2003 00			January 24, 2002	1625	1 Elivit	(Ejjep 4	الم
		O DATEN				CEITER 4	717 }
TARK	U.	S. PATEN	r documents				\dashv
MADCHARM CO	DOCUMENT NUMBER	DATE	Name	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	E
INITIAL	C 262 294	10/1994	SHEN				٦
15	5,352,384	10/1996	SHLYANKEVICH				\neg
ar	5,569,459 5,424,331	06/1995	SHLYANKEVICH				\Box
	5,523,087	06/1996	SHLYANKEVICH				
	4,264,509	04/1981	ZILLIKEN				
	4,234,577	11/1980	ZILLIKEN		1		_]
		FICN DAT	ENT DOCUMENT	S			1
	FUN	EIGNIAI	ENT DOCUMENT	-		TRANSLATION	一
Examiner	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	-	_
INITIAL	2000man 110man				ļ	YES NO	~
W	EP 0129667	04/1984	EPO	1=	=		
1	EP 0135172	08/1984	EPO		<u> </u>		\dashv
1	DE 4432947	03/1996	GERMANY				\dashv
10	WO 98/21946	11/1997	WIPO		<u> </u>		_
1	WO 97/06273	08/1996	WIPO		 _		_
197	WO 94/23716	04/1994	WIPO		<u> </u>		_
7	WO 00/64438	04/2000	WIPO				
	AU A 80655/87 (w/Abst.)	11/1987	AUSTRALIA				
	George E. Joannou et al., synthesis of 3\(\beta\), 15, 17 \(\alpha\) 17,20-glycol, (1996) Steroids, Vol. 61, 1 Graham E. Kelly et al., M (1993) Clin. Chim. Acta Kikkoman Corp, Simple a chloro-hydrocarbon, (July 1995) 95-272884/36 Andreas Constantinou et Relationships, (Feb. 1995) Journal of Na K. Murata, Antioxidative (May 1998), JAOCS, Vol. Karlis Briviba, Isoflavona Collection of the Nationa	pp. 11-17 pp. 11-17 petabolites of d 223 (Elsevier and convenient atural Products Stability of Te 1. 65, No. 5, pp pids as Inhibit I Library of M	ietary (soya) isoflavones Science Publishers B.V.), isolation of genistein fro as DNA, Topoisomerase i, Vol. 58, No. 2, pp. 217- mpeh, 5. 799-800 ors of Lipid Peroxidation fedicine (Lipid Peroxidation	ids of the human uring pp. 9-22 om isoflavone Antagonists of and Quenche on and Quenche	mixt. by select and Poisons: S rs of Singlet C hers of Single	ive extraction will furcture-Activity Daygen, 1 Oxygen), Ch. 1	2,
	pp. 293-302 Martin Weidenborner et a properties, (1994) Mycol. Res. 98 (1 Mustafa Bulut, Neue Syn Bezuglich Ihrer Pharmal	2), pp. 1376-1 these con Isof	378 avenen und Vergleichena				ga!

			U.S. DEFARTMENT OF CORNER FOR	A Dogum No	Page 2 of 3 Serial No.							
M PTO-	+440		PATENT AND TRADDIANT OF ES	ATTY DOCKET NO.	_	-						
	~~ ~	E D.	CUMENTS CITED BY APPLICANT	31200/69244	10/018,308 SEP	25						
М.	P	F DU	se several sheets if necessary)	APPLICANT	TEO.	- 0						
, (. (: X	e several sheets if necessary,	GEORGE EUSTACE JOA	MNOU ICH CE	70						
		ି <u>(</u>	·	FILING DATE	GROUP " TO !	EH 16						
P 2	4 2	10 ∞)	JANUARY 24, 2002	1625							
		- \$)	OTHER PRIOR ART (Including Author	Title Date Pertin								
• .	1.	at de										
7	ADE		Comelia Vob, New Isoflavonoids as Inhibitors of Porchine 5-Lipoaxygenase,									
_/			(1992) Biochemical Pharmacology, Vol. 44, No M. Weidenborner et al., Control of Storage Fun	oi of the Genus Aspervil	lus on Legumes with Flavonoids	and						
	İ		Isoflavonoids,	6. 9,								
	1.		1 (1000) A Detarit 64 pp. 175-190		D. I. al Conserver on Philosopher	,ia						
	1		Martin Weidenborner et al., Antifungal Activity	of Isoflavonoids in Diffe	rent Reduced Stages on Rhizoctor							
	 _	1 1	Solani and Sclerotium Rolfsii, (1990) Phytochemistry, Vol. 29, No. 3, pp. 801-	-903								
		┞	Martin Weidenborner et al., Antifungal Activity	of Isoflavonoids Agains	t Storage Fungi of the Genus							
			Aspergillus.									
			(1000) Planck switter, Vol. 29 No. 12 pp. 33	17-3319	vannes Inhibitory with Antiinflam	alor						
	T		Montandon, J.B. et al., In-Vitro versus In-Vito	Activities of new 3-lipox)	genuse innibitors with Antibigium							
	1 -	1	(1989) Int. J. Tiss. Reac. XI(3) pp. 107-112									
_	+-	+	Warner Cooper et al Effects of alpha-tocophen	ol, its carboxylic acid ch	romane compund and two novel							
	Ι,		antioxidant isoflavones on prostaglandin H sym	ithase activity and autou	eactivation,							
_			Cabaniadahara'a Arash Pharma	col 33X nn. 74-81								
	Τ.		M. Weidenborner et al., Fungizide wirking von (1987) Med. Fac. Lanbouww. Rijksuniv. Gent	52(3a) no 933-942	inicipine act gassang asponga							
	 		P. Kuhl et al., 6.7.4'-Trihydroxyisoflavin: A pol	tent and selective inhibit	or of 5-lipoxygenase in human an	d						
	İ		porcine peripheral blood leukocytes,									
	1	1	1004) December of the Vol 28 No 6 pp	. 783-805	- in Asserts and their reduced							
	1		Rainer Philipp Kramer et al., Antifungal activit	ty of soybean and chickp	ea isojiavones ana ineir reduced							
	١.		derivatives, (March 1994) Phytochemistry, Vol. 23, No. 10	0 pp. 2203-2205								
	├	┼	H. Adlercreutz et al., The New Biology of Stere	oid Hormones,								
	1		(1001) Serono Symmosia Publications (fr. Ray	en Press), pp. 145-156								
	1-	╅┈╴	Total Akirama et al Genistein a Specific In	hibitor of Tyrosinenspec	ific Protein Kinases,							
		<u> </u>	(1987) The Journal of Biological Chemistry,	Vol. 262, No. 12, April 2	5 issue, pp. 5592-5595	<u></u>						
		1	Lewis C. Cantley et al., Oncogenes and Signal	Transauction,								
	↓		(1991) Cell, Col. 64, pp. 281-302 Lori Coward et al., Genistein, Daldzein, and T	heir B-Glycoside Conjus	rates: Antitumor Isoflavones in So	ybean						
	1		Foods from American and Asian Diets,	p cycos = 1.9.6								
		1	(1002) I Amia Food Chem 41 pp 1961-19	067								
	T		Tunko Ehata et al R-Glycosidase Involved in I	the Antioxidant Formatic	on in Tempeh, Fermented Soybean	<u>., </u>						
		1_	(1972) Faculty of the Science of Living, Osaki Shinji Funayama et al., Structural Study of	a City University, DD, 34	.3-329							
	1		Shinji Funayama et al., Structural Study of Fermentation Broth of Streptomyces sp.,	isojuvonoius russessi								
	1		to 1000 The Vermal of Antibiotics Vol	XLII, No. 9, pp. 1350-13	55							
	+-		Tochibiko Hirano et al., Antiproliferative Effe	cts of Synthetic and Nati	irally Occurring Flavonoids on Ti	umor .						
	1	l	C.HCaba Damon Proper Carcinoma (PH 1)	ne. LK >= 1.								
	\perp		(April 1989) Reasearch Communications in C Sylvia Keuth et al., Vitamin B ₁₂ Production	hemical Pathology SRG J	i or Klehsiella pneumonia durin	g Tempe						
			Sylvia Keuth et al., Vitamin B ₁₂ Production Fermentation and Proof of Enterotoxin Absen	ce by PCR.	or mooning production and of							
			(1004) Applied and Environmental Microbiol	ogv. Vol. 60, pp. 1492-1	499							
_	h	+	Shigemitsu Kudou et al., Malonyl Isoflavone	Glycosides in Soybean S	eeds (Glycine max Merrill),							
	((1001) A :- Diel Chem 55 (0) pp 2227-7	7777	_	tion Des						
	14	#	Kanki Komiyama et al., Isolation of Isoflavo	noids Possessing Antiox	idant Activity from the rermental	uon Brol						
	い	1	of Strentomyces sp.,									
بــا	U		(Sept. 1989) The Journal of Antibiotics, Vo. 2	1	10/11 / 50	01/						
ı	AMINE	٠.	ah Tween	DATE CONSIDERED:	19 March Zor	<u> </u>						

TECH CEINER 10 VEC Page 3 of 3 ATTY DOCKET NO. SERIAL NO. 10/018,308 31200/69244 LIST OF DOCUMENTS CITED BY APPLICANT APPLICANT (Use several sheets if necessary) GEORGE EUSTACE JOANNOU FILING DATE **JANUARY 24, 2002** OTHER PRIOR ART (Including Author, Title, Date Pertinent Pages, Etc.) Makoto Makishima et al., Effects of Inhibitors of Protein Tyrosine Kinase Activity and/or Phosphatidylinositol Turnover on Differentiation of Some Human Myelomonocytic Leukemia Cells, (1991) Leukemia Research, Vol. 15, No. 8, pp. 701-708 Elliott Middleton, Jr. et al., COMMENTARY: Effects of Flavonoids on Immune and Inflammatory Cell (1992) Biochemical Pharmacology, Vol. 43, No. 6, pp. 1167-1179 Michael Naim et al., Soybean Isoflavones, Characterization, Determination, and Antifungal Activity, (1974) J. Agr. Food Chem., Vol. 22, No. 5, pp. 806-810 Greg Peterson et al., Genistein Inhibition of the Growth of Human Breast Cancer Cells: Independence from Estrogen Receptors and the Multi-drug Resistance Gene, (Aug. 1991) Biochemical and Biophysical Research Communications, Vol. 179, No. 1, pp. 661-667 Cornelia Vob et al., New Isoflavonoids as Inhibitors of Porcine 5-lipoxygenase, (1992) Biochemical Pharmacology, Vol. 44, No. 1, pp. 157-162 Surendra P. Verma et al., Effect of Soy-Derived Isoflavonoids on the Induced Growth of MCF-7 Cells by Estrogenic Environmental Chemicals, (1998) Nutrition and Cancer, 30(3), Lawrence Erlbaum Associates, Inc., pp. 232-239

EXAMINER: When DATE CONSIDERED: 19 Mar 2004

(Sept. 1975) The Journal of Antibiotics, Vol. XXVIII, No. 9, pp. 619-626

(1983) Z. Naturforsch 38c, pp. 708-710

Answers 1-19 CA Copyright 2000 ACS

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

K. Mackenbrock et al., 3'-Hydroxylation of 4'-Methoxysoflavones by Fusarium oxyporum f. lycopersici,

Hideo Chimura et al., New Isoflavones, Inhibiting Catechol-o-methyltransferas Produced by Streptomyces,